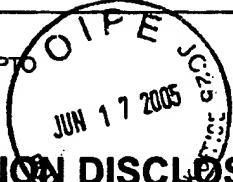


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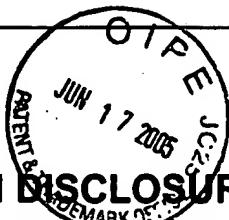
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				Application Number	09/362,693
				Filing Date	July 29, 1999
				First Named Inventor	Mills
				Group Art Unit	1745
				Examiner Name	Kalafut
Sheet	1		12	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite. No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	58	R. L. Mills, "Classical Quantum Mechanics," Physics Essays, in press. (Web Publication Date: May 23, 2002.)	
	60	R. L. Mills, J. Sankar, A. Voigt, J. He, B. Dhandapani, "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, in press. (Web Publication Date: May 3, 2002.)	
	77	J. Phillips, R. L. Mills, X. Chen, "Water Bath Calorimetric Study of Excess Heat in 'Resonance Transfer Plasmas,'" J. Appl. Phys., Vol. 96, No. 6, (2004) 3095-3102. (Web Publication Date: June 16, 2003.)	
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	81	R. Mills, P. Ray, B. Dhandapani, W. Good, P. Jansson, M. Nansteel, J. He, A. Voigt, "Spectroscopic and NMR Identification of Novel Hydride Ions in Fractional Quantum Energy States Formed by an Exothermic Reaction of Atomic Hydrogen with Certain Catalysts," European Physical Journal: Applied Physics, 28, (2004), 83-104. (Web Publication Date: Feb. 21, 2003.)	AIR MAIL OF RECORD
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Examiner Signature		Date Considered	8 / 30 / 05
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Substitute for form 1449B/PTO


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	2		12	Attorney Docket Number	
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Complete if Known

Application Number	09/362,693
Filing Date	July 29, 1999
First Named Inventor	Mills
Group Art Unit	1745
Examiner Name	Kalafut

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
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	100	R. Mills, B. Dhandapani, J. He, "Highly Stable Amorphous Silicon Hydride from a Helium Plasma Reaction," Materials Chemistry and Physics, submitted. (Web Publication Date: Nov. 17, 2003.)			
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O I P E J.
JUN 17 2005

PTO/SB/08B (Modified)

Substitute Patent Application 14498/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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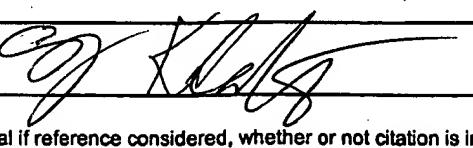
Sheet	3	of	12	Attorney Docket Number
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O I P E J C
JUN 17 2005

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				Examiner Name	Kalafut
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		Filing Date	July 29, 1999	
		First Named Inventor	Mills	
		Group Art Unit	1745	
		Examiner Name	Kalafut	
Sheet	5	of	12	Attorney Docket Number

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OK		STAVOLA et al, "Interstitial H ₂ in Si: are all problems solved?", <i>Physica B</i> , pp. 58-66, 200s Elsevier B.V.	

Examiner Signature		Date Considered	8/24/05
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PTO/SB/08B (Modified)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	6	of	12	Attorney Docket Number	
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Complete if Known

Application Number	09/362,693
Filing Date	July 29, 1999
First Named Inventor	Mills
Group Art Unit	1745
Examiner Name	Kalafut

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK		MILLS et al., "Catalysis of Atomic Hydrogen to Novel Hydrides as a New Power Source", pp. 1-8, BlackLight Power, Inc. (No DATE)	
OK		DECIUS et al., "Force Constants of the Metaborate Ion in Alkali Halides", <i>The Journal of Chemical Physics</i> , 56:10, pp. 5189-5190, May 15, 1972	
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Examiner Signature	J. Kalafut	Date Considered	8/30/05
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**INFORMATION DISCLOSURE
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Sheet	7	of	12	Attorney Docket Number
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JUN 17 2005

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Application Number 09/362,693

Filing Date July 29, 1999

First Named Inventor Mills

Group Art Unit 1745

Examiner Name Kalafut

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OK		ABATE et al., "Optimization and enhancement of H ⁺ ions in a magnetized sheet plasma", <i>Review of Scientific Instruments</i> , 71:10, pp. 3689-3695, October 2000, American Institute of Physics		
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SK		JOVICEVIC et al., "Excessive Balmer line broadcasting in microwave-induced discharges", <i>Journal of Applied Physics</i> , 95:1, pp. 24-29, January 1, 2004, American Institute of Physics	
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Examiner Name	Kalafut

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
OK		D. Luggenholscher, U. Czarnetzki, and H.F. Dobele Institut fur Laser-und Plasmaphysik, Universitat Essen, Germany, "Investigations on Electric Field Distributions in a Microwave Discharge in Hydrogen"		
		Technology Insights, "Hydro-Catalysis Technical Assessment," (Part of 09/009,837 paper no. 20050287) This document was submitted by R. Mills on 7/17/02 in a pending application 09/669,877.	(ACOPY OF RECORD)	
OK		Evans Analytical Group, http://www.ceas.com/inst.htm#esca2 , "Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS)"		
OK		J M Luque, M D Calzada and M Saez, "Experimental research into the influence of ion dynamics when measuring the electron density from the Stark broadening of the H α and H β lines." (2003) (NO DATE MONTH)		
OK		Eng-Kie Souw, "Plasma Density Measurement in an Imperfect Microwave Cavity", J. Appl. Phys. 61, 1761, 1987. (NO MONTH)		
OK		John R. Shook, "A Pragmatically Realistic Philosophy of Science", < http://www.pragmatism.org/shook/pragmatic_and_Realistic.htm >	(NO DATE)	
OK		Raoul Nakhmanson, "The Ghostly Solution of the Quantum Paradoxes and its Experimental Verification", from "Frontiers of Fundamental Physics", Bartone & Selleri, Plenum Press, NY 1994, < http://arxiv.org/ftp/physics/papers/0103/0103006.pdf >	(NO MONTH)	
		Donald A. McQuarrie, "Quantum Chemistry", University Science Books, CA, 1983, relevant parts of Chapters 4, 6, and 8.	(NOT FOUND)	
Examiner Signature			Date Considered	8/30/05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	11	of	12	Attorney Docket Number
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Complete if Known

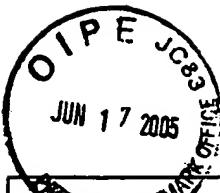
Application Number	09/362,693
Filing Date	July 29, 1999
First Named Inventor	Mills
Group Art Unit	1745
Examiner Name	Kalafut

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK		E. Kovacevic, I. Stefanovic, J.Berndt, and J. Winter, "The Dynamic Response of the Plasma on the Dust Formation in Ar/C ² H ² Rf Discharges." < http://www.rcpig.uni-greifswald.delproceedings/data/kovacevic-1 > (No Date)	
OK		N. Gvelanovic, M.M. Kuraica, N. Konjevic, "Excessive Balmer Line Broadening in a Plane Cathode Abnormal Glow Discharge in Hydrogen", J. Appl. Phys. 97, 033302 (2005) (No Date)	Also Cited Apr 4
OK		E. U. Condon, Ph. D., G. H. Shortley, Ph. D., "The Theory of Atomic Spectra.", Cambridge, 1967, pp.45-69, and 112-147. (No Date)	
OK		Ben Best, "The Copenhagen Interpretation of Quantum Mechanics", < http://www.benbest.com/science/quantum.html > (No Date)	
OK		Aaron J. Barth, "Bigger Than Fire?", SKEPTIC Vol. 8, No. 4, 2001. (No Month)	
OK		Notes on David Peat, "Einstein's Moon: Bell's Theorem and the Curious Quest for Quantum Reality," History and Philosophy of Science-Fall, 1997-Dr. Ess, < www.drury.edu/ess/philsci/bell.html > (No Month)	
OK		Physics 200-04 Course, "Pauli Spin Matrices", < http://axion.physics.ubc.ca/200-04/paulispin.pdf >. (No Date)	
OK		"The Linear Stark Effect", University of Texas Lecture, < http://farside.ph.utexas.edu/teaching/qm/perturbation/node8.html > (No Date)	
OK		K.L. Ross, "Kantian Quantum Mechanics", < http://www.fresian.com/space-2.htm > (No Date)	

Examiner Signature		Date Considered	8/30/05
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				Application Number	09/362,693
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Sheet	12	of	12	Attorney Docket Number	

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SJK		Quantum Physics 301, Paradoxes and Interpretation", <http://www.teach..phy.bris..ac.uk/Level30100/CourseMaterials/paradoxes.pdf>	(No DATE)
SJK		The Internet Encyclopedia of Philosophy, "Logical Positivism". <http://iep.utm.edu/logpos.htm>	(No DATE)
		H. G. Kuhn, F. R. S., "Atomic Spectra", Longmans, Green & Co., Ltd., London/Harlow 1969 (2nd ed.).	(Not Found)
SJK		Anthony J. Marchese, Ph. D., Peter Jansson, Ph. D., P.E., John I. Schmalzel, Ph. D., P.E., "The Blacklight Rocket Engine", NIAC Phase 1 Final Report (May 1-November 30, 2002). www.niac.usra.edu/files/studies/final_report/	
SJK		"Average Molecular Kinetic Energy", <http://hyperphysics.phy-astr.gsu.edu/hbase/kinetic/molke.html>	(No DATE)
SJK		"Attempt to Observe Excess Heat in a Ni-H ₂ O-K ₂ CO ₃ Electrolysis System-9OCT97", www.earthtech.org/experiments/Mills/mills1.html .	
		Eric Krieg, "Hydrinos: A State Below the Ground State" http://www.freeenergies.org/bl/bwt/z/hydrino/hydrino.htm	
		Peter D. Zimmerman, "An Analysis of Theoretical Flaws in So-Called Classical Quantum Mechanics and of Experimental Evidence Against CQM" (2001).	(ALREADY OF RECORD)
SJK		Rathke "A Critical Analysis of the Hydrino Model", New Journal of Physics, 19 May 2005, http://www.iop.org/ej/article/1367-2630/7/1/127/njp5_1_127.html	
		Mills, R., "Physical Solutions of the Nature of the Atom, Photon, and Their Interactions to Form Excited and Predicted Hydrino States." (web publication June 9, 2004 at www.blacklightpower.com .)	(NOT FOUND)

Examiner Signature	SJK/6	Date Considered	8/30/05
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